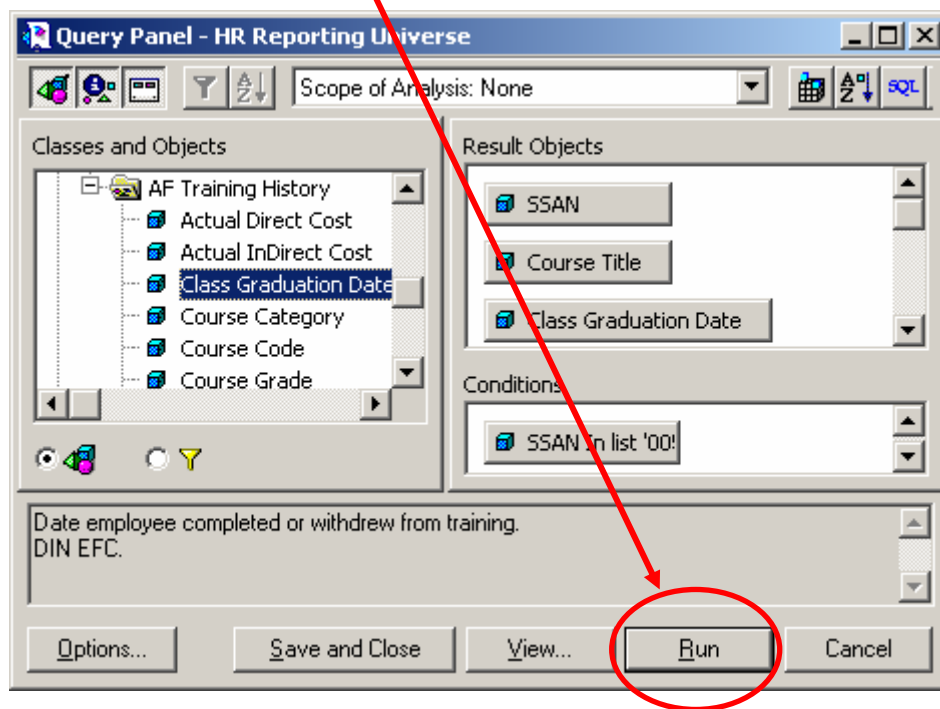


How to Report on the Most Recent Occurrence from Multiple Occurrence Tables (classes)

In the HR Reporting Universe there are several classes that contain more than one occurrence of information for each employee in the database (Training, Experience History, Appraisals, Awards, etc). This 'tip' will show how to return the latest (most recent) occurrence of training information from the Training class. We'll start by creating a simple report using the Class Graduation Date and the Course Title from the Training/AF Training History class and the SSAN from the Employee Basic Information class.

1. Select the objects as shown in this screen shot. The SSAN object comes from the Employee Basic Information class; Course Title and Class Graduation Date come from the Training/AF Training History class. Drag the SSAN object a second time into the conditions window of the query panel and use the In List operand. Select two SSAN numbers that have multiple entries in the AF Training class. (The SSAN object in the Conditions window has been modified for privacy purposes). Click on the Run button.



2. When the report appears, drag the SSAN object up and to the left of the table. This is done by first highlighting the data in the column and while holding down the left mouse button, moving the mouse up and to the left, then releasing the mouse button. It will create a 'sectioned' report as shown here:

BusinessObjects - [duboiss]

File Edit View Insert Format Tools Data Analysis Window Help

MultipleOccuranceWithOutCondition.rep

Training Report

Section: SSAN

00

Class Graduation Date	Course Title
10/18/2000	BUS OBJECT INTERL USE
6/20/2000	BUS OBJECTS REPORT1
6/16/2000	BUS OBJECTS SUPVR
7/29/1999	ORACLE 2000 BUILD RE
7/2/1999	INTRO TO ORACLE:SQL
11/3/1998	EOT 2000
10/26/1998	AIDS IN THE WRKPLACE

Section: SSAN

02

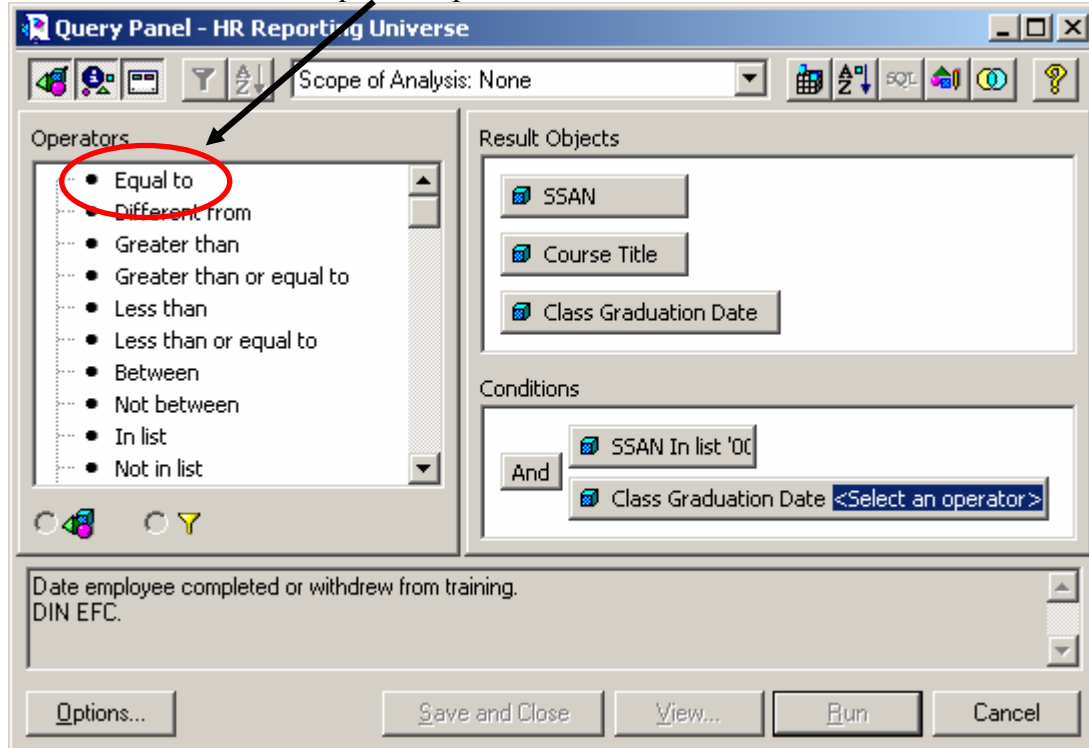
Class Graduation Date	Course Title
12/15/2000	BO FUND DESIGNER/SUP
7/13/2000	BO PT, REPORTWEB1&2
12/17/1998	ORACLE REPORT/DIS 3
12/11/1998	SYSTEMS MANAGER CRS

Report1

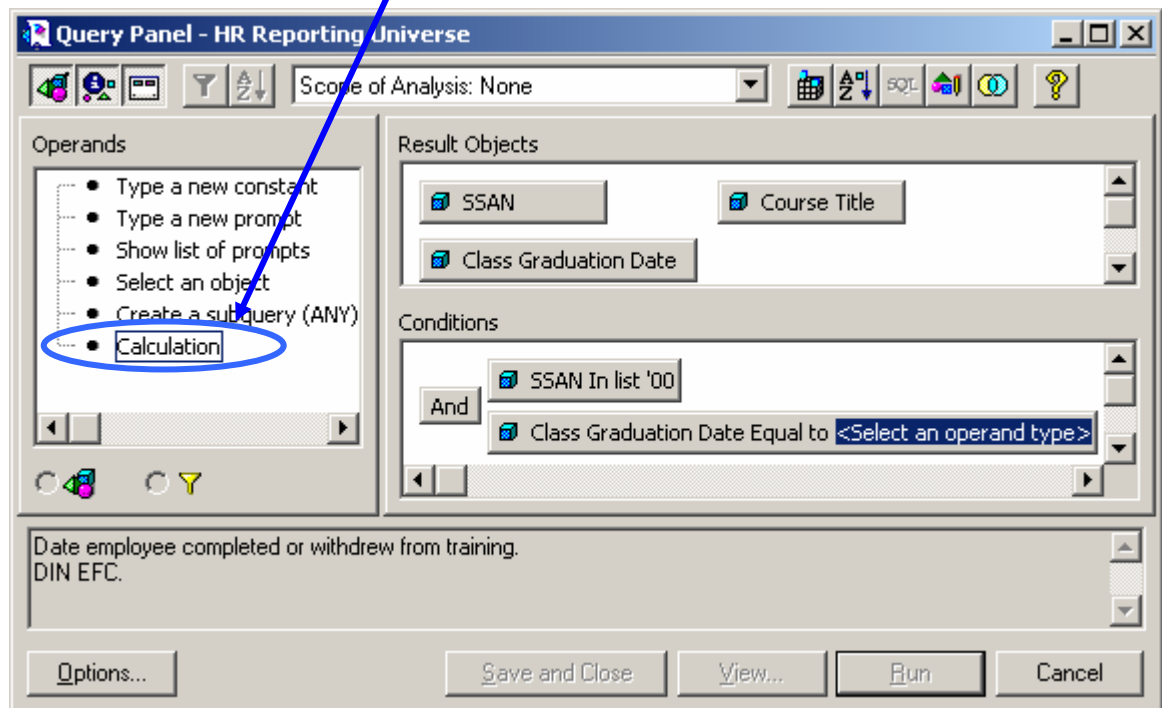
Last Exec: 12/ NUM

- We want to see the BUS OBJECT INTERL USE course with a graduation date of 10/18/2002 for the first employee and the BO FUND DESIGNER/SUP course with graduation date of 12/15/2000 for the second employee.
- Click on the 'edit data provider' and the query panel appears again. Drag the Class Graduation Date from the Training/ AF Training History class into the 'conditions' window of the query panel. It will form part of the 'AND' statement underneath the SSAN conditions.

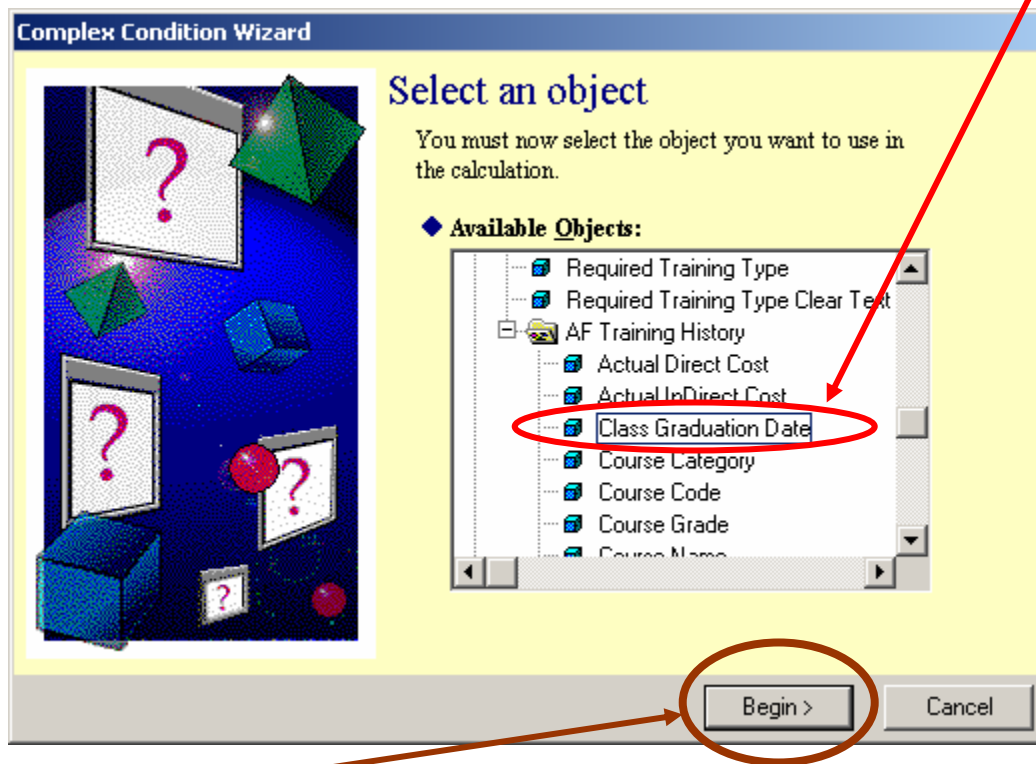
5. Double click on the Equal To operator.



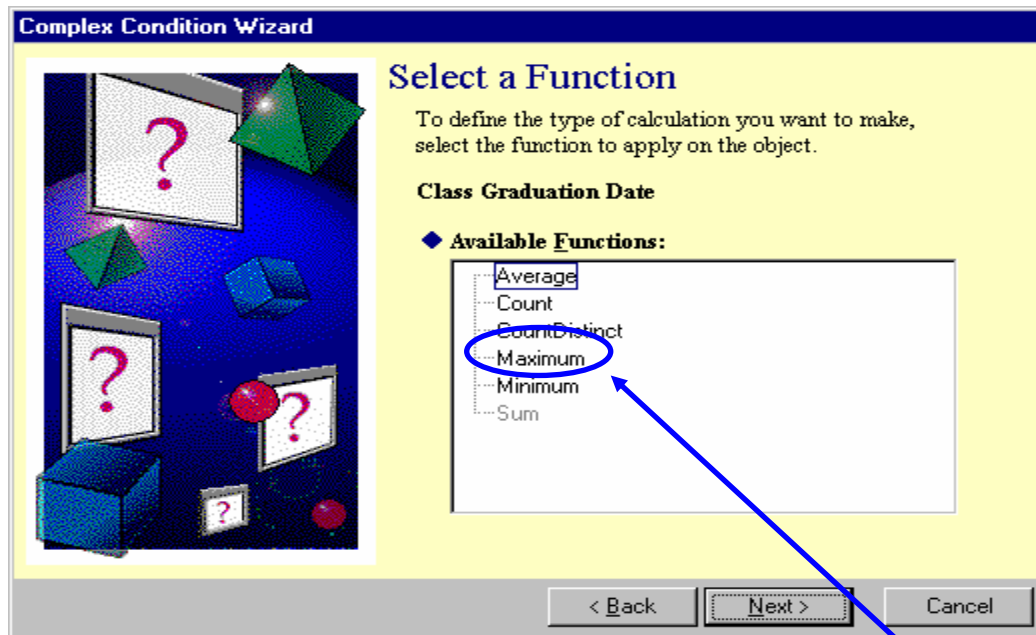
6. Now **double click** on the *calculation* operand as illustrated here:



The next dialog comes up. You will need to scroll down to the Training class, then AF Training History Class, then highlight the Class Graduation Date object as shown here:

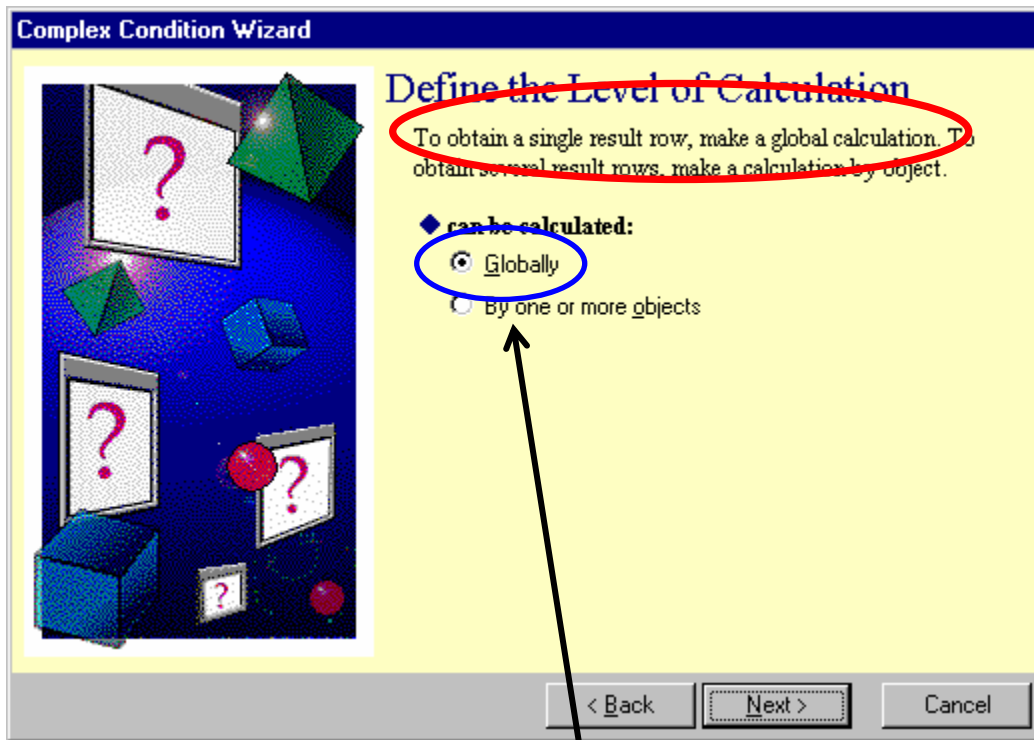


7. Click Begin. The next dialog box appears:

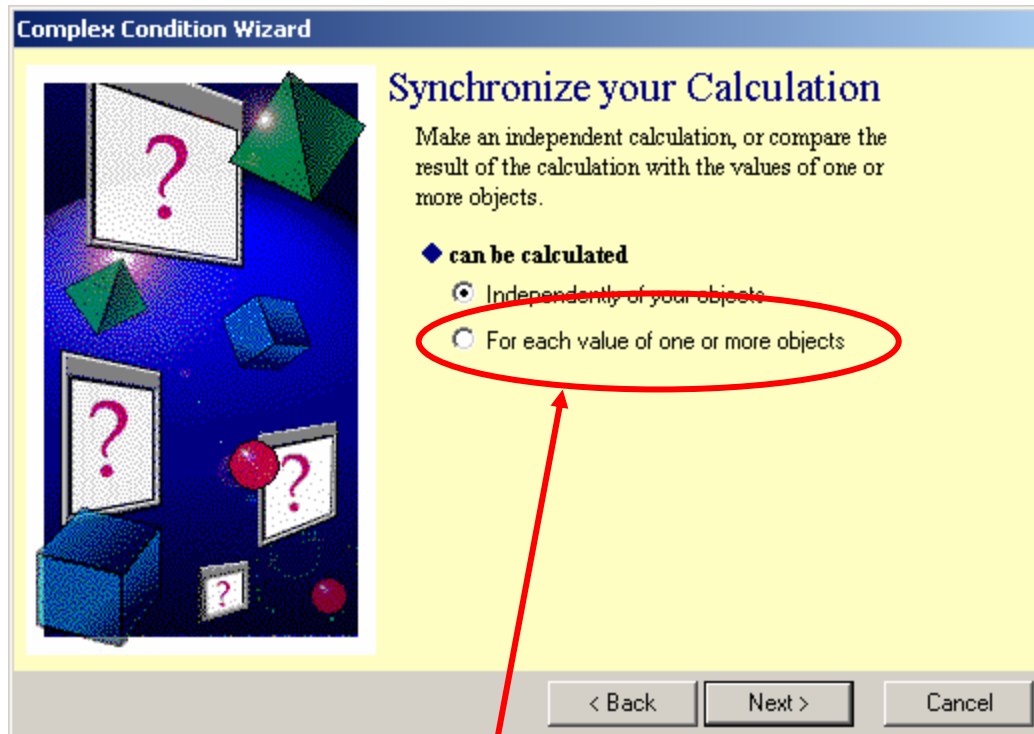


8. Select a function from this list. In this example we will select 'Maximum' because we want the maximum date that the Class Graduation date evaluates to.

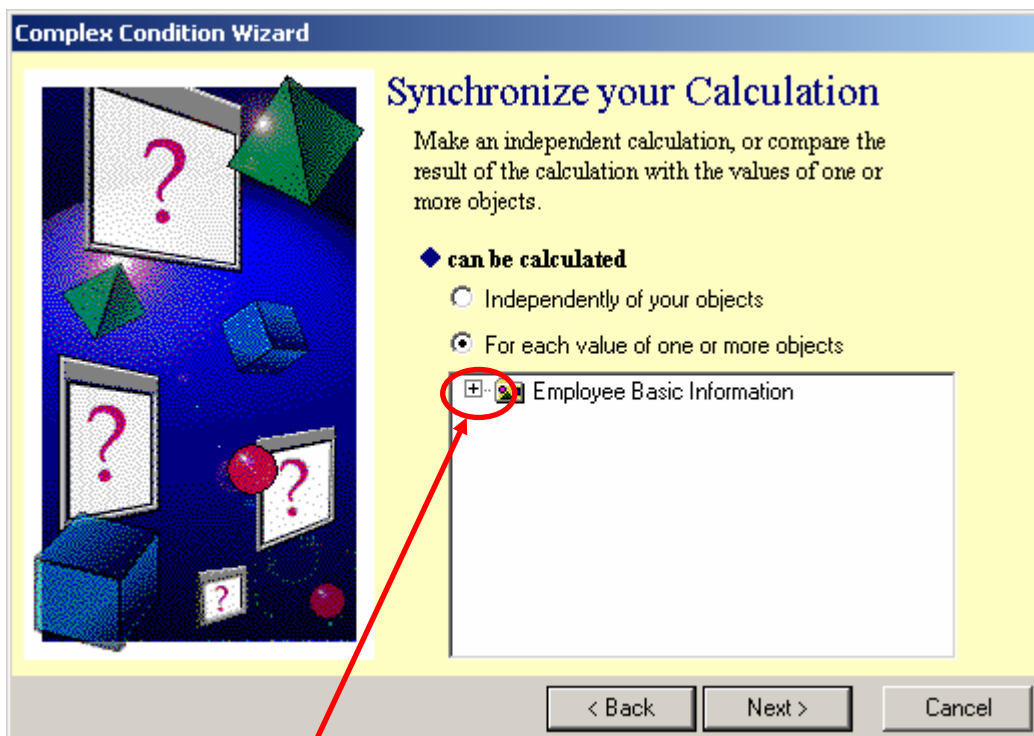
9. Click next and this dialog appears:



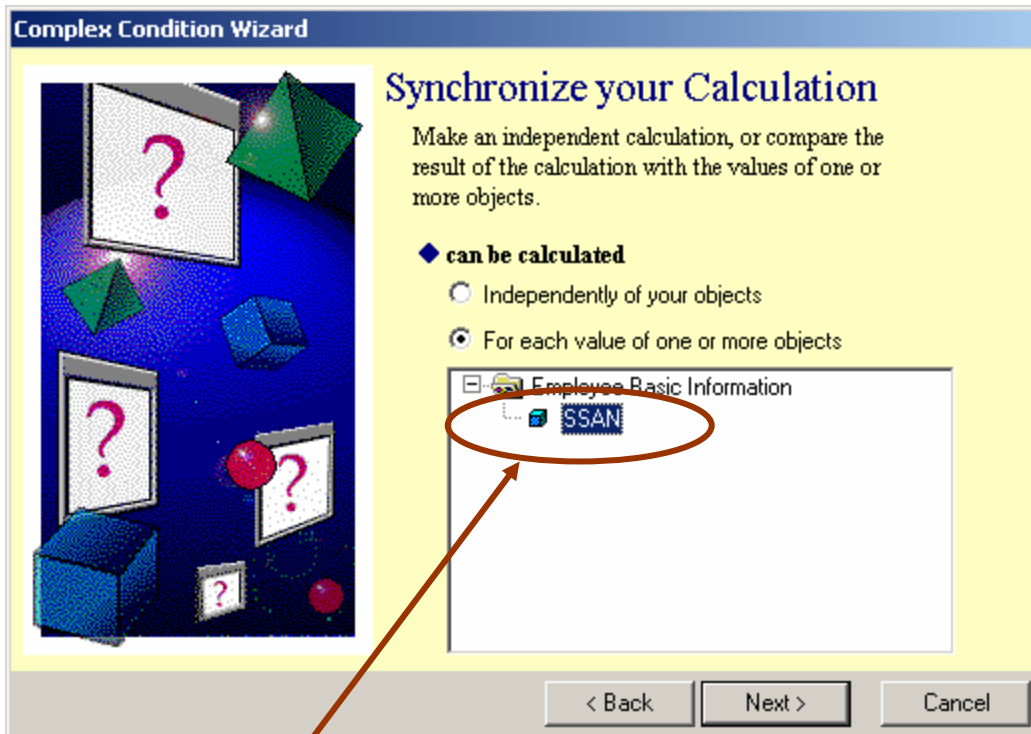
10. We will define this object to calculate Globally as we want a single row of data (note the sentence circled in red). Click next and the following dialog is presented.



11. Click on the “For each value of one or more objects”. This dialog appears:

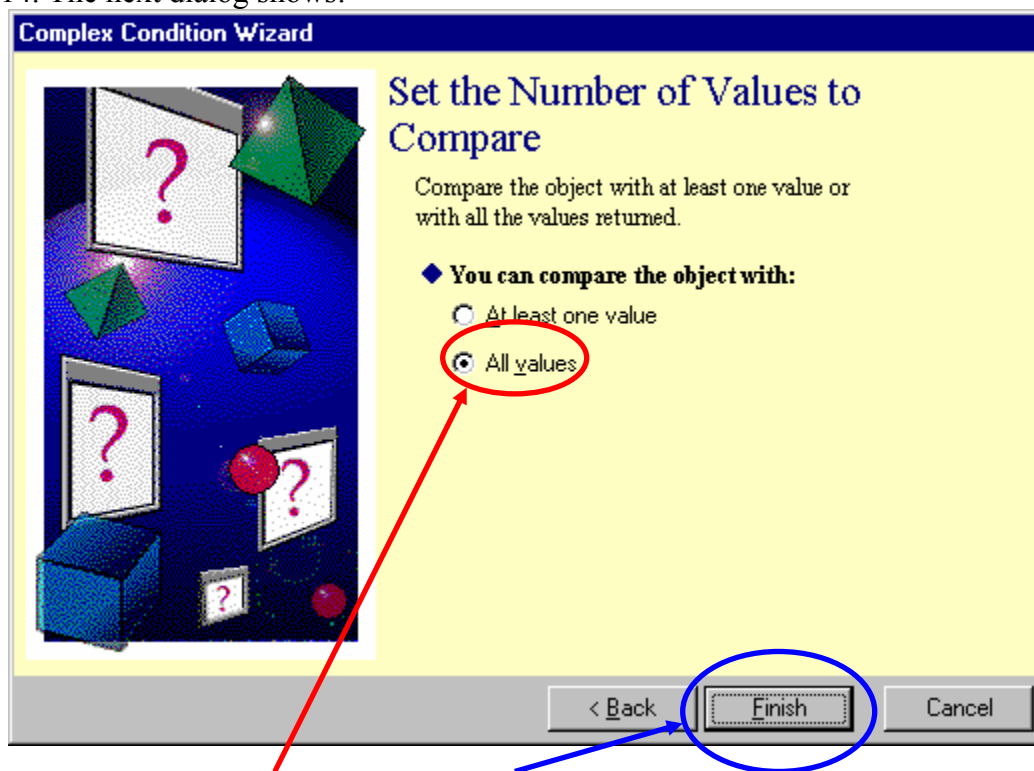


12. Click on the plus sign next to the Employee Basic Information. The next dialog is presented:



13. Highlight the SSAN object as illustrated and click Next.

14. The next dialog shows:



15. Select All Values and click Finish. Here's what the query panel looks like:

Query Panel - HR Reporting Universe

Scope of Analysis: None

Classes and Objects

- Actual Direct Co
- Actual Indirect
- Class Graduation**
- Course Category
- Course Code
- Course Grade
- Course Name
- Course Title

Result Objects

- SSAN
- Course Title
- Class Graduation Date

Conditions

- SSAN In list '00
- And
- Class Graduation Date Equal to (condition on object 'Class Graduation Date')

Date employee completed or withdrew from training.
DIN EFC.

Options... Save and Close View... Run Cancel

15. Run the report and we get the expected results:

BusinessObjects - MultipleOccuranceWithOutCondition.rep - [dub...

File Edit View Insert Format BusinessObjects - MultipleOccuranceWithOutCond

Training Report

Section: SSAN

00	
Class Graduation Date	Course Title
10/18/2000	BUS OBJCT INTERL USE

Section: SSAN

02	
Class Graduation Date	Course Title
12/15/2000	BO FUND DESIGNER/SUP

Report1

Last Exec: 12/1 NUM